

# Understanding Particles in Matter

BibleMouse.com

---

## Review of Properties of Each State

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions based on what we learned about particles and states of matter.

1. In solids, particles are packed \_\_\_\_.

2. What do particles in liquids do?

- A. Stay still
- B. Move freely
- C. Slide past each other

3. What happens to particles in gases?

---

4. Particles in solids can move around easily.

- True       False

5. Gases have particles that move \_\_\_\_.

6. In which state are particles closest together?

- A. Solids
- B. Liquids
- C. Gases

7. What did we learn about how particles behave?

---

8. Colossians 1:17 tells us that God holds all things together.

- True       False

9. How do particles behave in hot temperatures?

- A. They stay still
- B. They move faster
- C. They disappear

10. What is one way we created models of particles?

---

### Answer Key

1. tightly   2. Slide past each other   3. They spread out everywhere.   4. False   5. freely   6. Solids   7. They behave differently in solids, liquids, and gases.   8. True   9. They move faster   10. By using marshmallows and toothpicks.